

FIG. 1

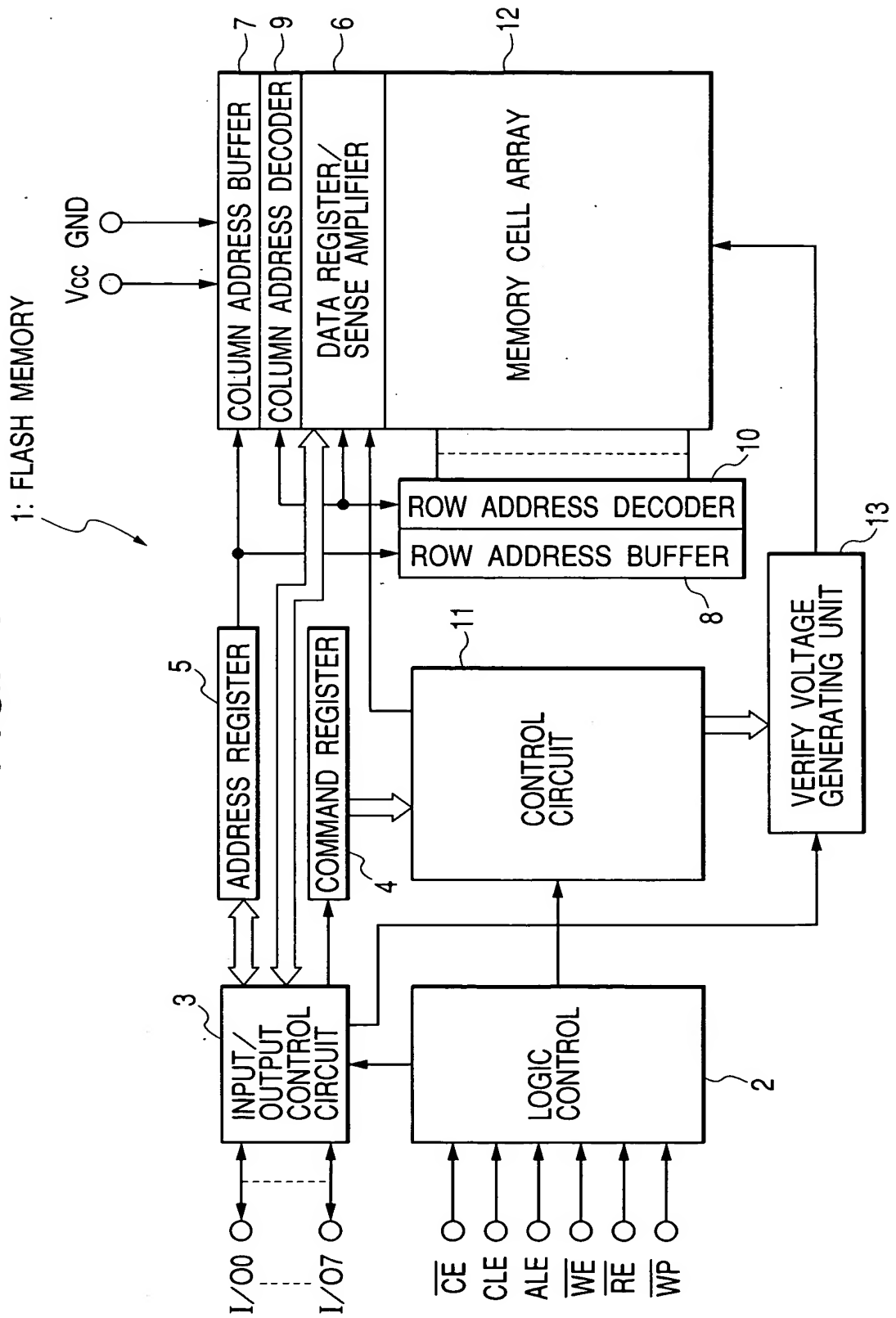


FIG. 3

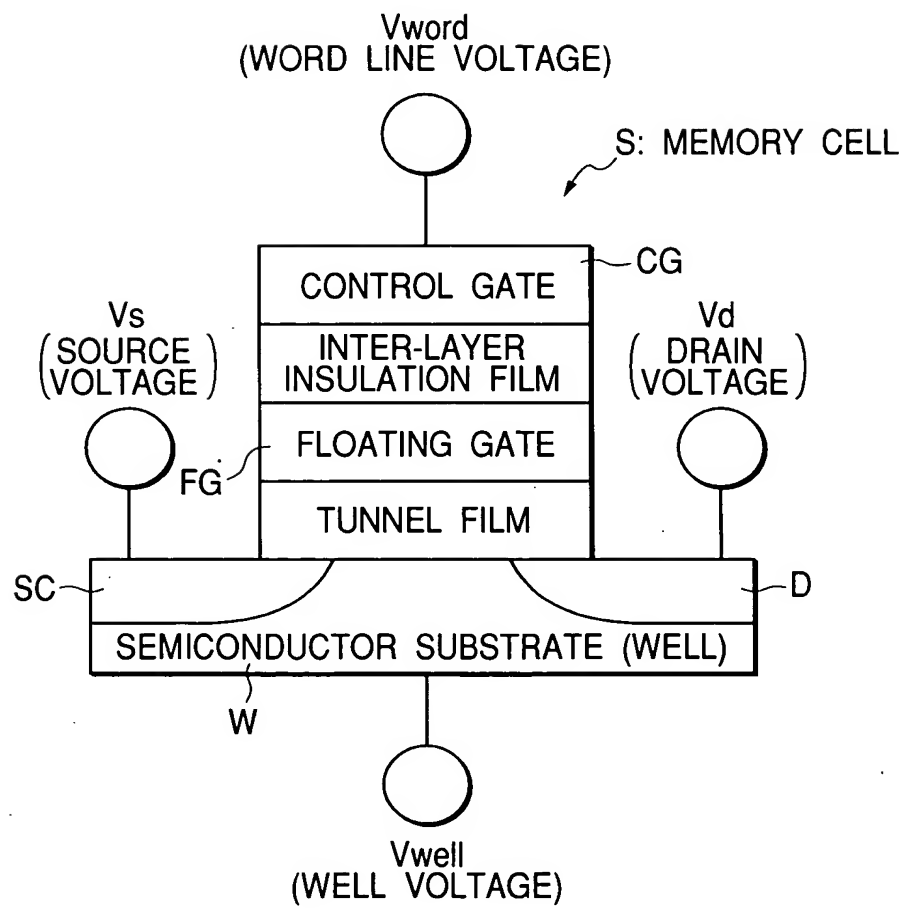


FIG. 4(a)

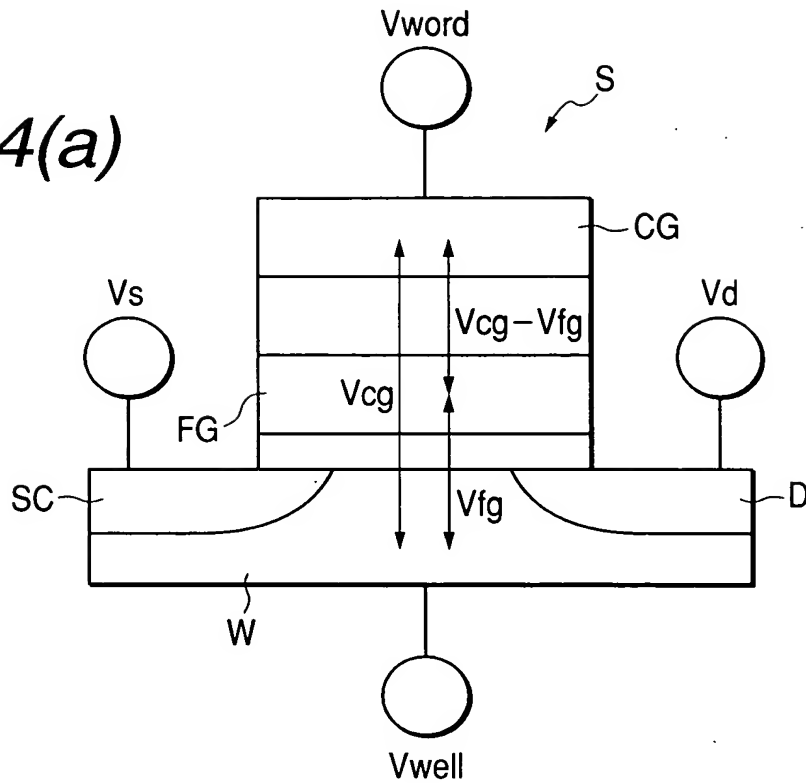
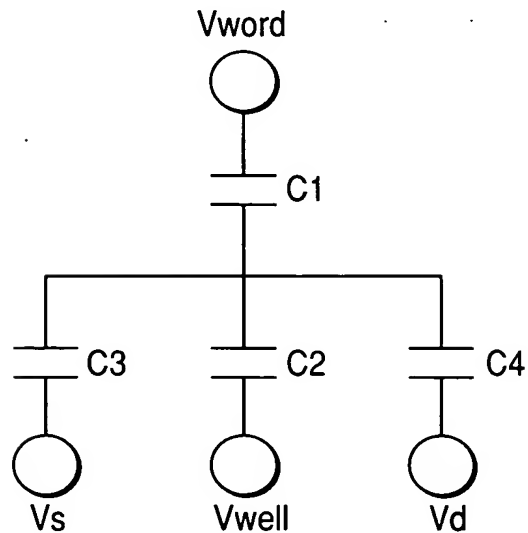


FIG. 4(b)



$$C_r = C_2 / (C_1 + C_2)$$

$$C_d = C_3 / (C_1 + C_2) \quad C_s = C_4 / (C_1 + C_2)$$

$$V_{fg} = C_r \cdot (V_{cg} - V_{th} + V_{thi}) + C_d \cdot V_d + C_s \cdot V_s$$

NOTE) $V_{cg} = V_{word} - V_{well}$

ELECTRICAL FIELD OF INTER-LAYER FILM = $V_{cg} - V_{fg}$

$V_{thi} = V_{th}$ IN THERMALLY EQUILIBRATED STATE

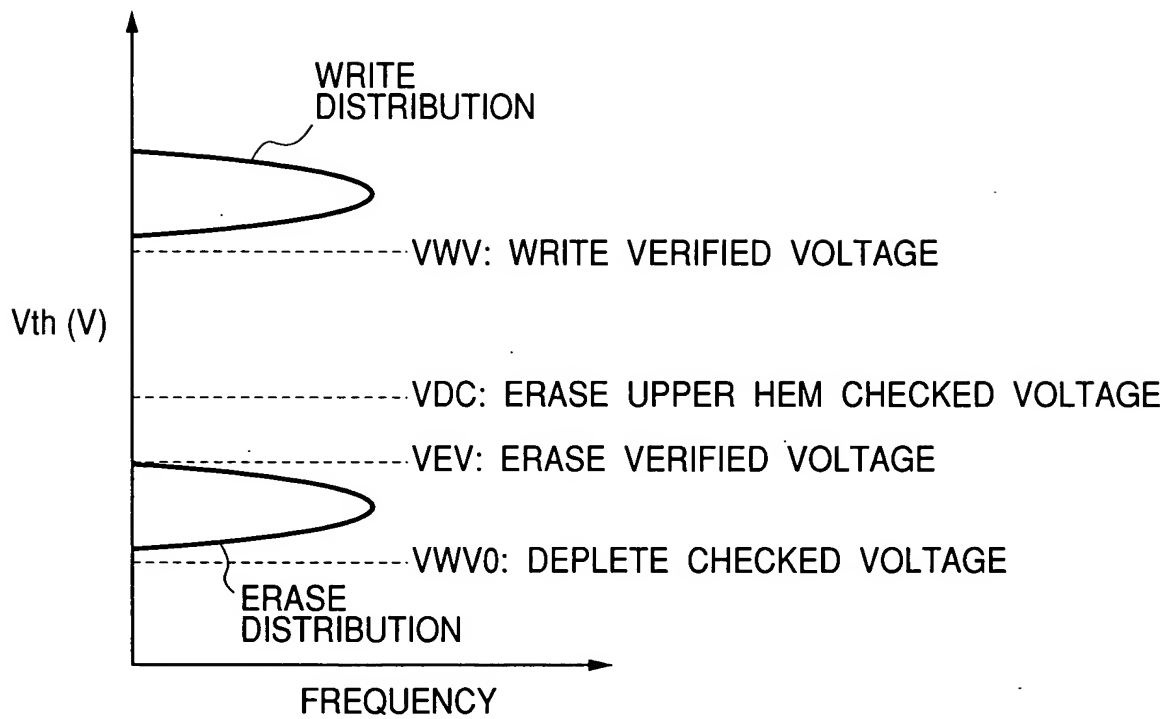
FIG. 5

FIG. 6

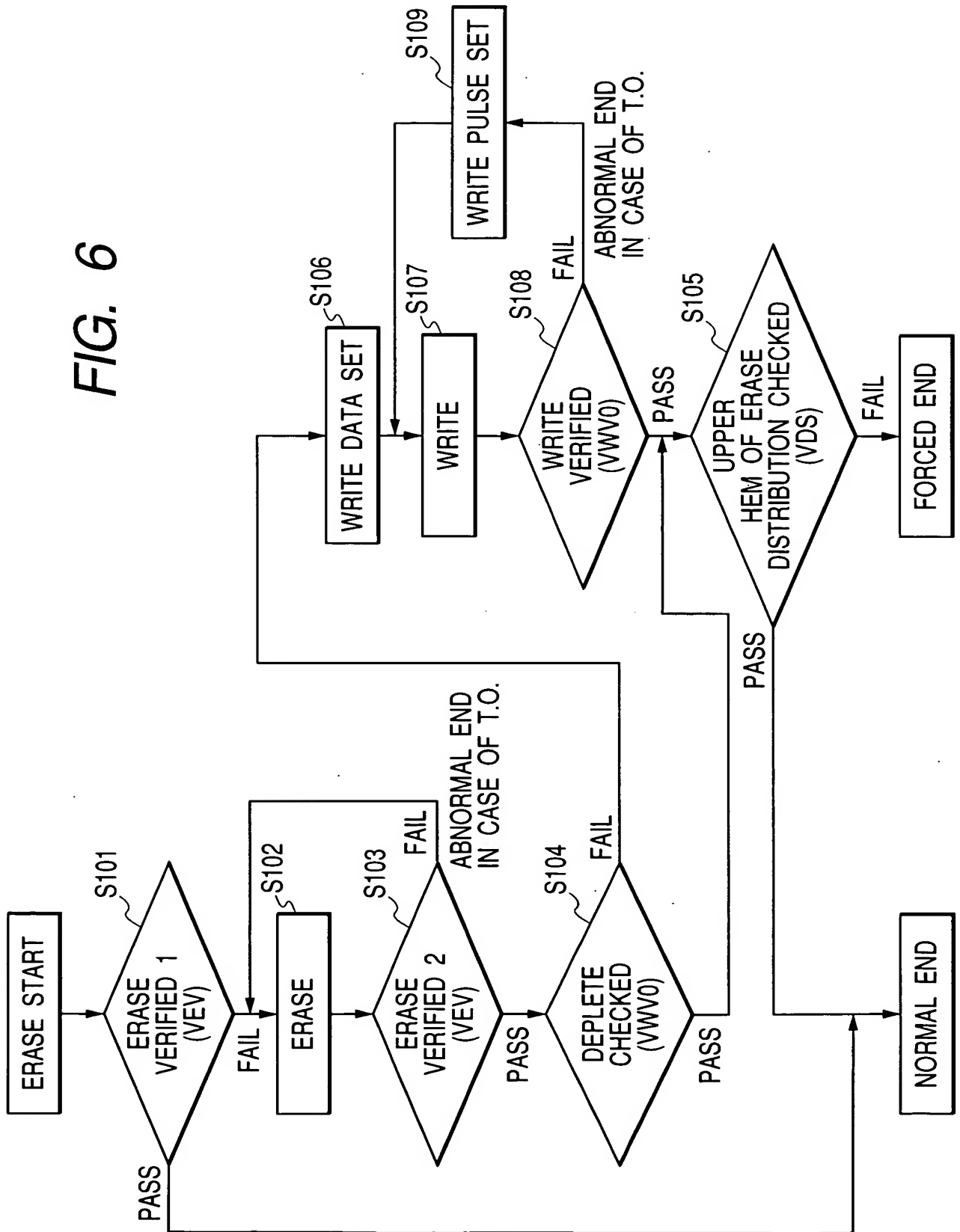


FIG. 7

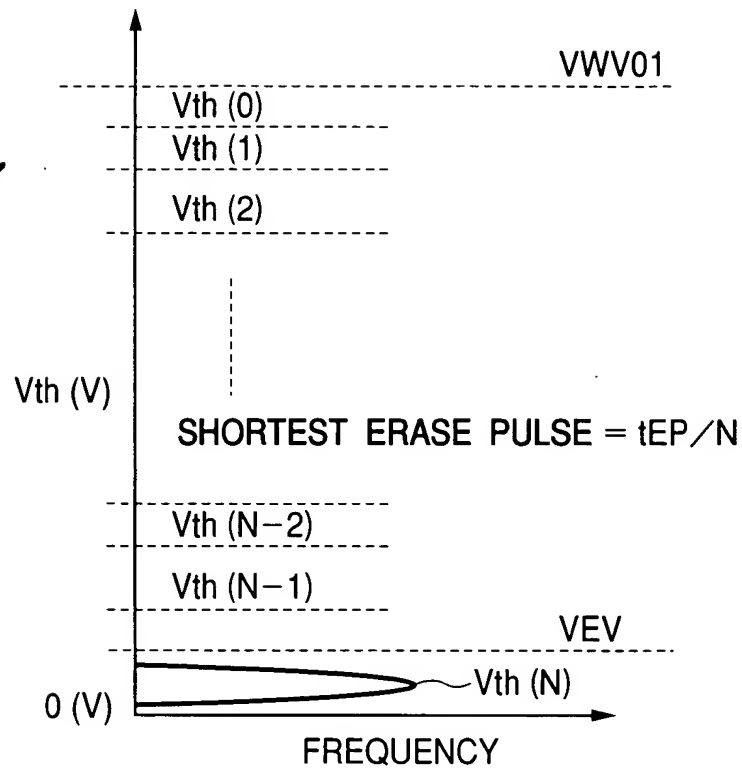


FIG. 8

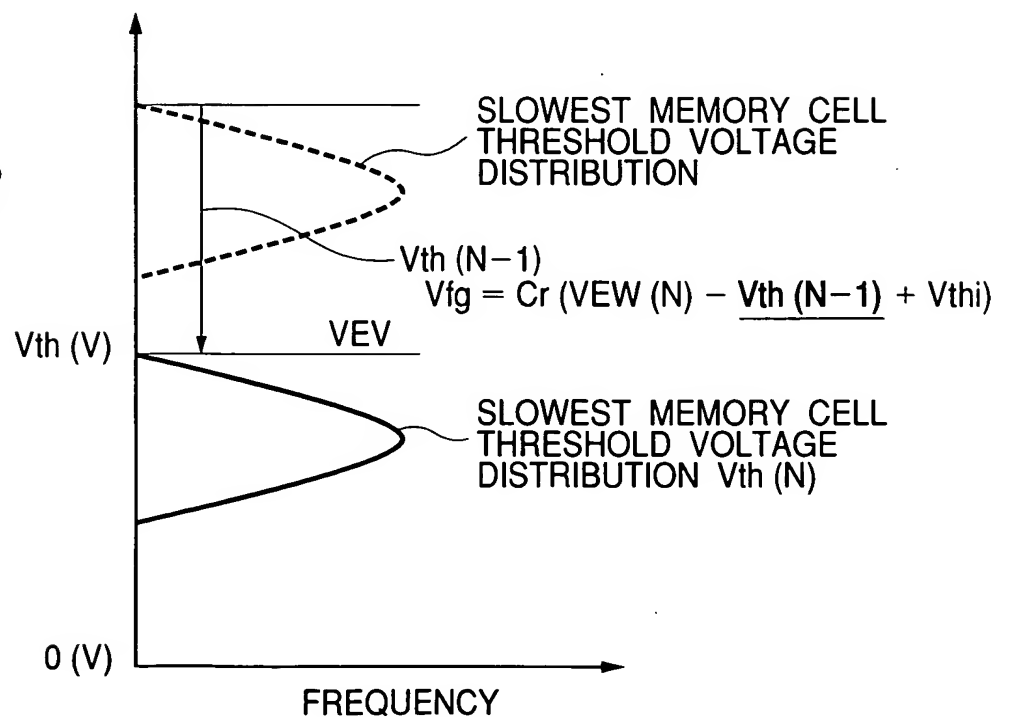


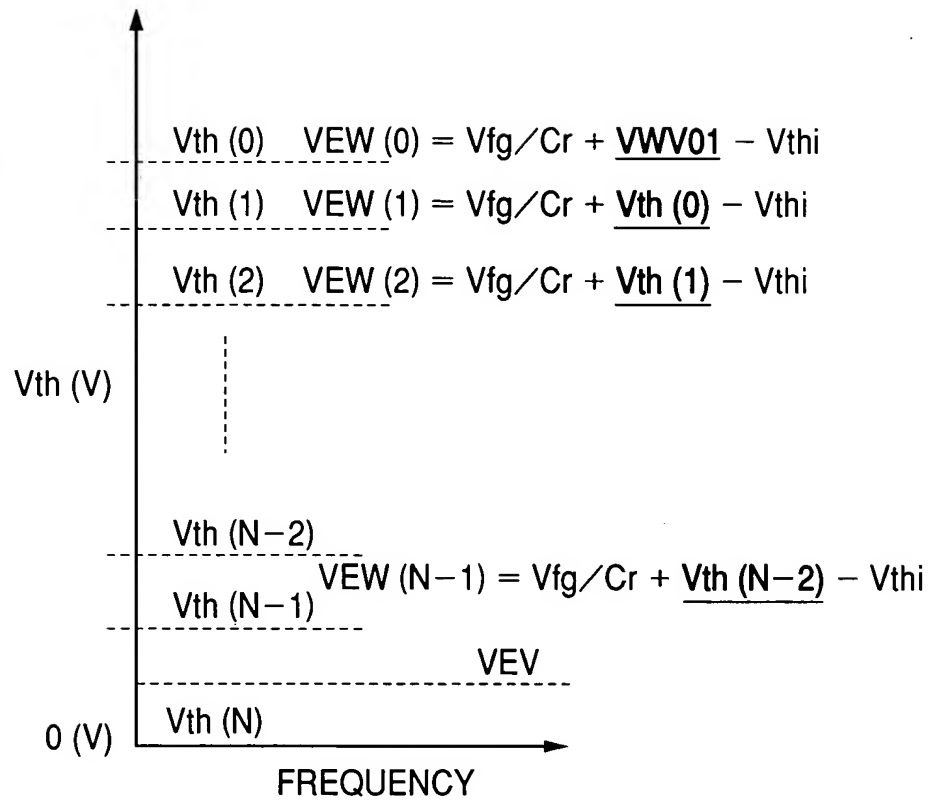
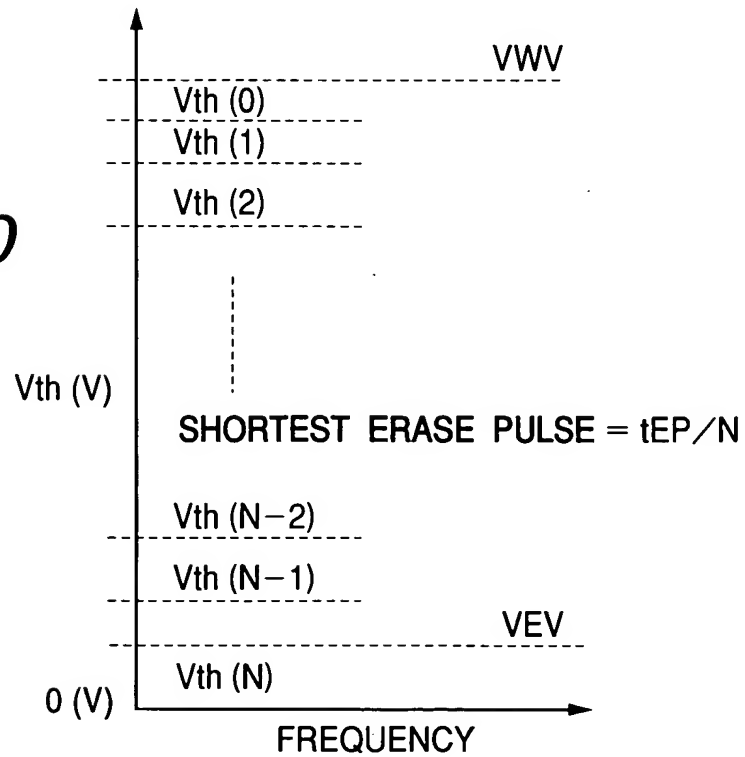
FIG. 9**FIG. 10**

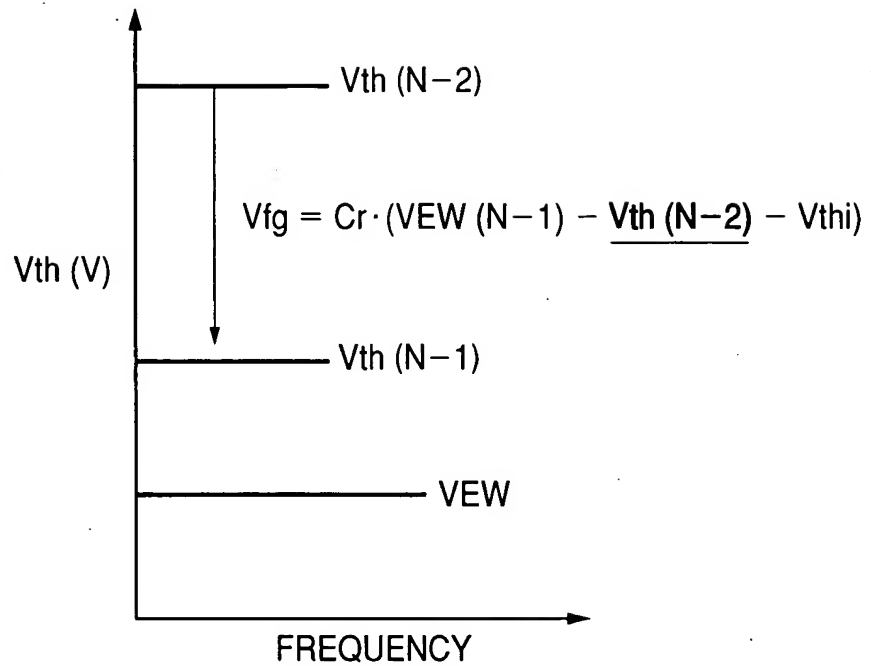
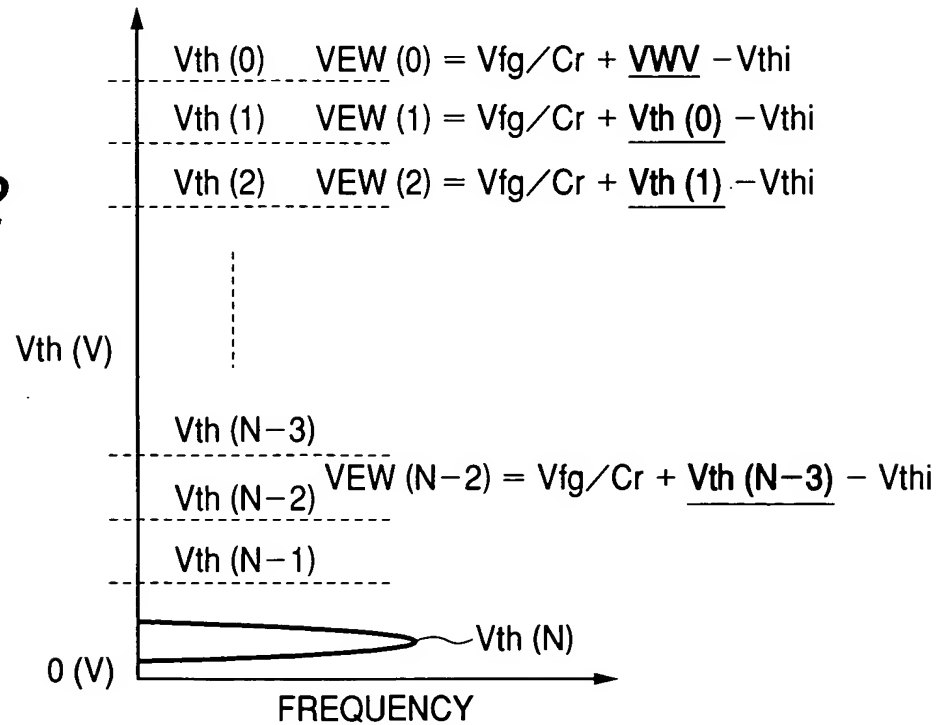
FIG. 11**FIG. 12**

FIG. 13

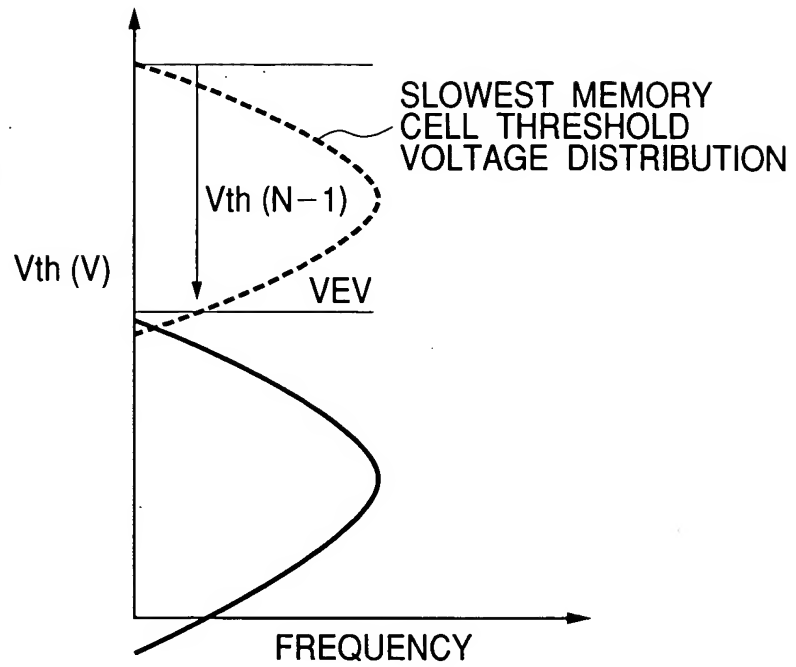


FIG. 14

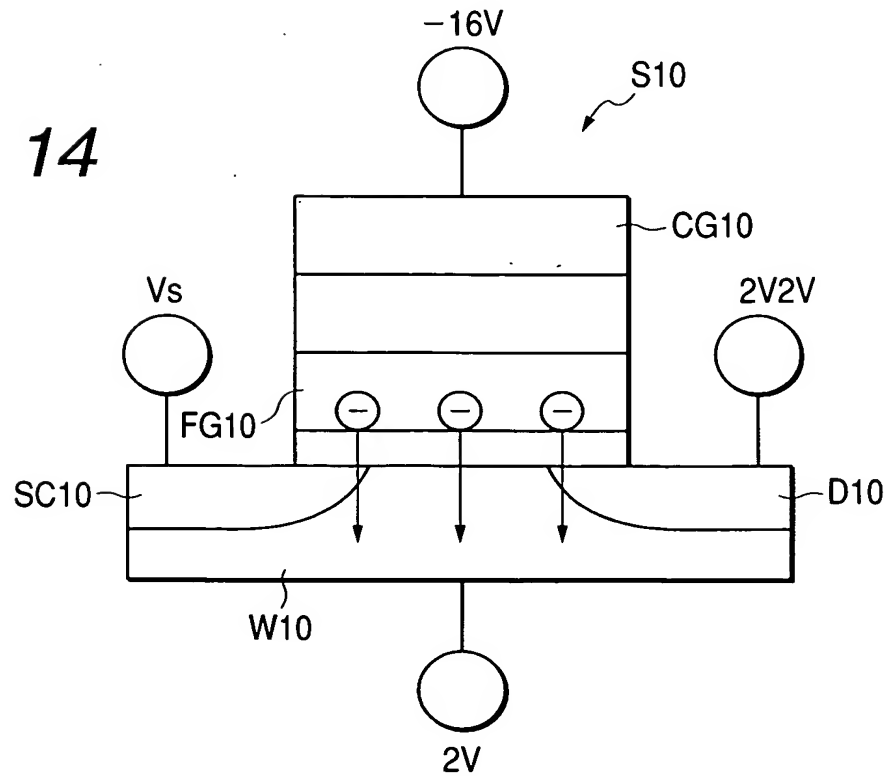


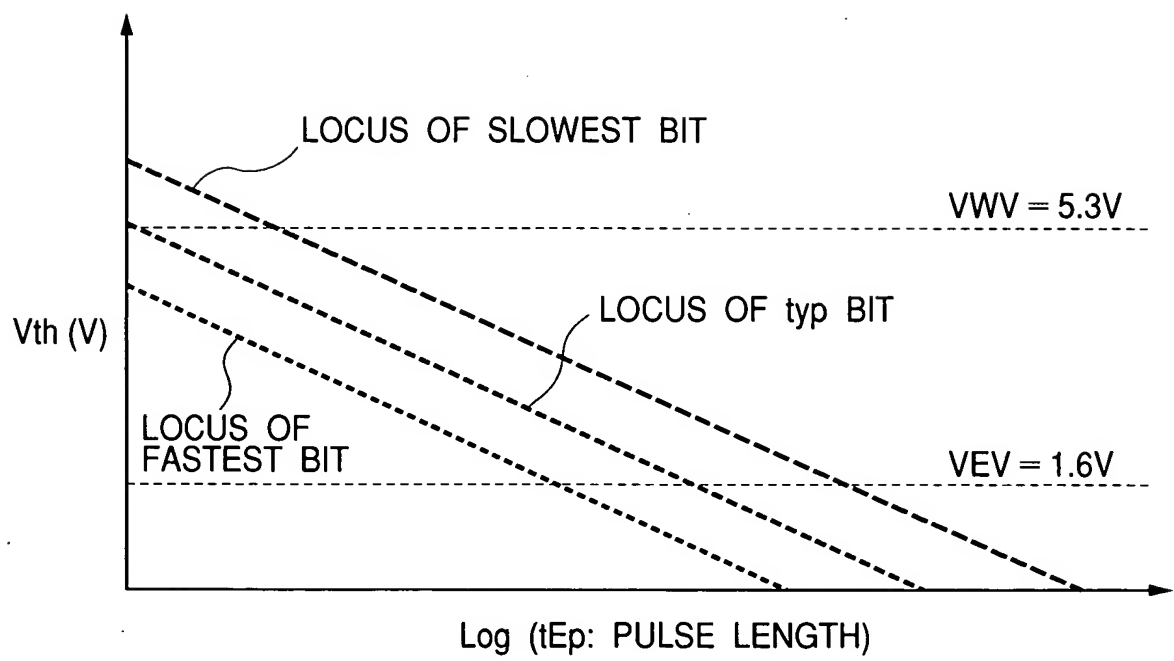
FIG. 15

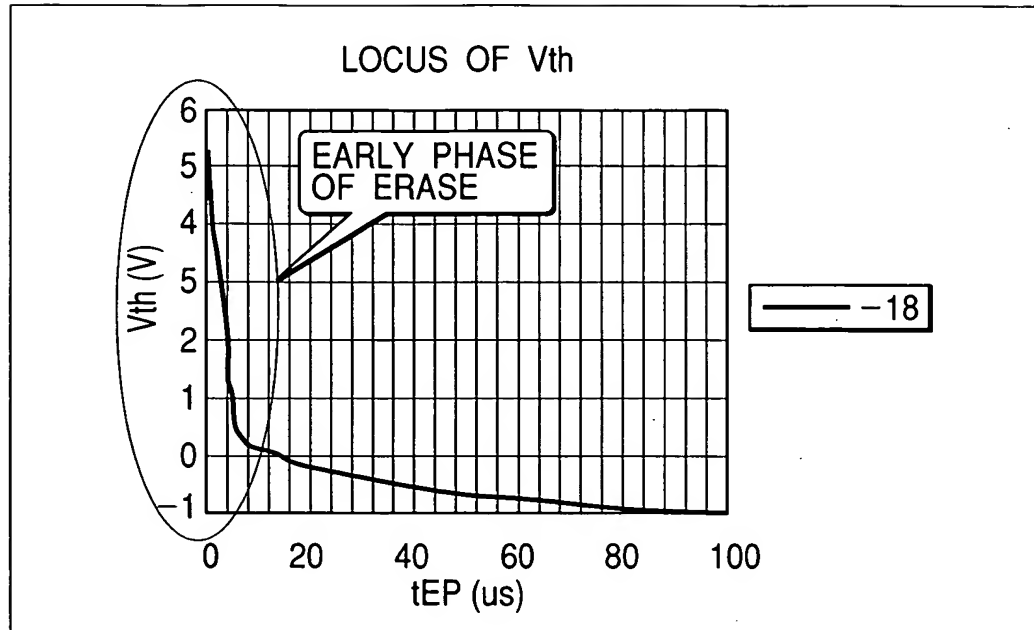
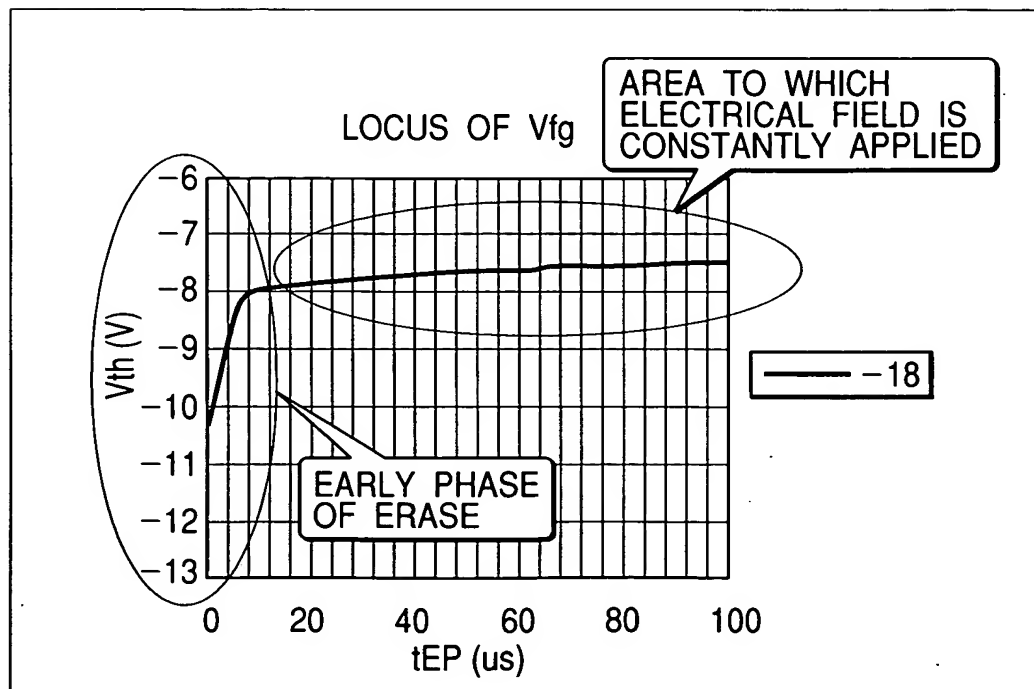
FIG. 16**FIG. 17**

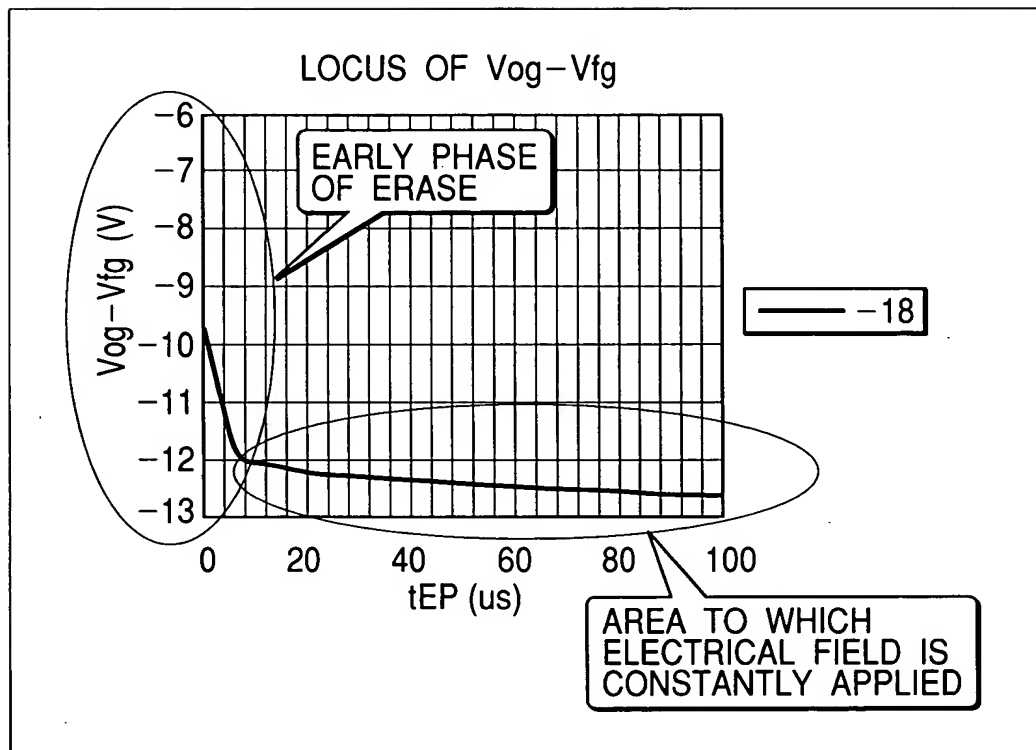
FIG. 18

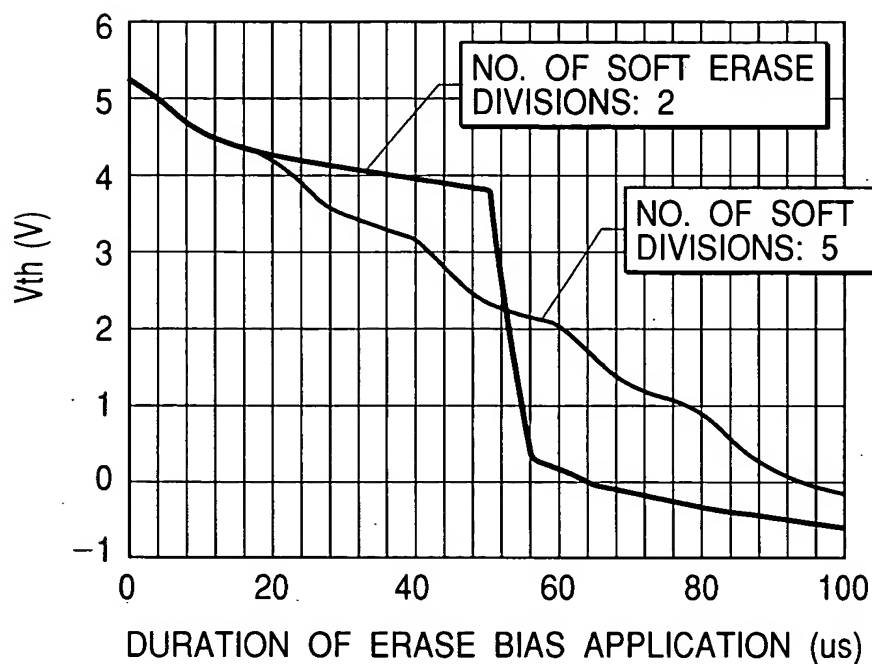
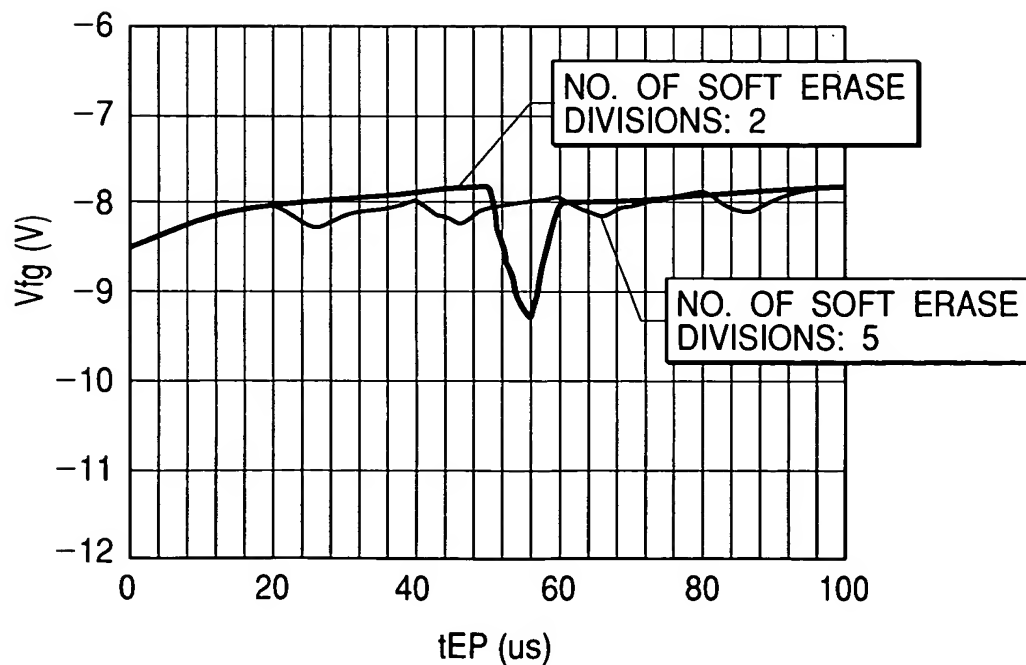
FIG. 19**FIG. 20**

FIG. 21

